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Honeoye Falls, N. Y.



Methods have changed and so have Seeds.

Sec. 435½, P. L. & R.

U. S. POSTAGE

PAID

Honeoye Falls, N. Y.

Permit No. 2

**Certified**

**Pedigreed Seeds**

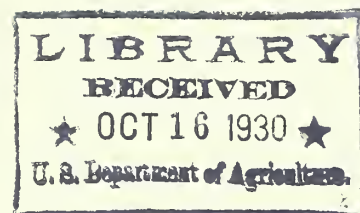
**For Growers Who Want The Best**

D. N. Shoemaker,  
U.S. Department of Agri.  
Bureau of Plant Breeding  
Washington, D. C.

**Vegetable Seed Trials**



HONEOYE FALLS, N. Y., AUGUST 20, 1930



Livermore, K.C.

## SEED WHEAT AND RYE

### THE WHEAT OUTLOOK FOR 1931

Next year's acreage here and abroad will undoubtedly be less, but not enough less to assure prices that will be profitable for everybody. Only those who can produce at low cost per bushel will be able to make a profit on wheat. For eastern farmers, the most practicable means of lowering costs is to use the best seed and plant only on good wheat land. Yields under 25 to 30 bushels in the east, seldom pay more than costs.

### NINETY PER CENT SOW POOR SEED

The N. Y. State Seed Testing Laboratory at Geneva, N. Y., analyzed samples from many lots of seed wheat that were actually being planted by farmers. Thirty five per cent contained quack grass seed, one lot as high as 2160 quack seeds for each pound of wheat; 45% contained cockle; many samples contained chess, dock, mustard, and wild buckwheat; 80% showed stinking smut spores present on the seed; 90% showed scab, take all, glume blotch or other diseases. They averaged 1.3% foreign matter. Only 10% had been properly cleaned for seeding. In addition, most lots were considerably mixed as to variety and were not the highest yielding varieties available, at that.

Most of these farmers did not realize this condition of their seed, and that profits are practically impossible from such seed. Hundreds of other farmers are making the same mistake. Are you? Will your seed wheat meet the following requirements of good seed?

### QUAKER HILL FARM OFFERS GOOD SEED

1. We have the types that the markets want:— A soft, low protein wheat for pastry flour and shredded wheat manufacturers; and a hard, high protein wheat for bread flour and for poultry feeding.
2. Our strains are those recommended by the State Colleges of Agriculture for the different sections of the North Eastern States. Their recommendations are based on tests carefully conducted over a period of years in different sections. They consider yield, disease resistance, winter hardiness, and strength of straw.
3. Our seed is guaranteed free from cockle, chess, garlic and rye, as well as free from quack grass and other weed seeds that are more easily removed; and practically free from mixture with other varieties, or other crop seeds.
4. Our seed is from fields which were inspected for diseases by representatives of the College of Agriculture. The reports showed them to be exceptionally free from diseases, even for certified fields.
5. Germination on all lots is guaranteed 90% or above; in most cases it is 95% to 98%.
6. Having passed field and sample inspection by the College and more than met the requirements of the N. Y. Seed Improvement Association, our seed is certified under its rules.

### HOW QUALITY SEED IS PRODUCED

Quality like this does not just happen. The stock seed fields are rogued and varieties subject to loose smut are first hot water treated,— an expensive operation. All the wheat seed we sow is treated with copper carbonate to prevent stinking smut. Threshing machines are carefully cleaned to avoid mixture. The grain is stored in clean bins or new bags. Grading and recleaning receive most careful attention. Ten years of experience, modern seed cleaning equipment with ample power, and a policy that places quality first, enable us to grade and clean almost to perfection. Comparisons will show that our seed is better in this respect than most seed wheat and rye on the market, not excepting other certified lots. Grade is important because several diseases may be transmitted thru small or shrivelled kernels from diseased plants. Better grade makes extra bushels in the crop.



SEED HARVEST AT QUAKER HILL FARM



## LESS THAN \$1.00 PER ACRE

Compared with using ordinary seed, the net cost of Quaker Hill Farm certified seed of these higher yielding strains, is less than \$1.00 per acre. Figure it for your self. Take ordinary grain at market price; allow for shrinkage in cleaning; count the time of getting out the mill, hunting up the right screens, etc., and then cranking it while the team or tractor stands idle. On the other hand, take the cost of Quaker Hill Farm seed, allow for the bags and compare. The difference will be between 75 cents and \$1.00.

For less than \$1.00 per acre you avoid much bother, get the field work further along and harvest a better and bigger crop. An increasing number of growers figure that it pays to buy Quaker Hill Farm seed wheat or rye each year.

## THE LEADING WHEATS FOR EASTERN STATES

**Forward Wheat** is a rather hard kernelled high protein wheat, suitable for bread flour and poultry feed. In N. Y. strain tests of all the better wheats available, Forward outyielded Red Rock by 2.5 bu., Fulcaster by 1.4 bu., Pennsylvania 44 by 4.6 bu., Junior No. 6 by 5.2 bu., Dawson by 2.6 bu., and Gold Coin by 4.5 bu. In last season's test at Quaker Hill Farm, it yielded 39.7 bu. It has ranked high in other state tests.

It is practically immune to loose smut; very resistant to other wheat diseases, and notably winter-hardy. Straw is both large and strong and stands well under fly attack. Straw and chaff are white, heads large, and beardless, kernels red.

Forward seems to be best adapted to strong soils and is recommended for such soils, where a bread flour is wanted, in New York, Pennsylvania, Ohio, Kentucky the Virginias and Maryland. It seems to be the best wheat yet introduced in the East.

**Honor Wheat** is a soft kernelled, low protein wheat, especially suited for pastry flour and shredded wheat. For this reason it is recommended thruout Western New York where millers specialize on these products. In the New York tests, Honor ranked ahead of Junior No. 6 and about equal to the best wheats of the same type from other states. In the Quaker Hill tests last season Honor yielded 40.3 bu. per acre which was a little better than Forward. On heavier soils, it usually yields less than Forward. Honor is winter hardy and fly resistant. It is somewhat susceptible to loose smut, but has made its good yield records in spite of this handicap. Straw and kernels are white, chaff bronze, head large and beardless. Honor has first place in most of Western New York and is recommended for adjacent states wherever a low protein wheat is wanted.

## THE BEST RYES

**Rosen Rye** is a pure line strain developed by the Michigan Agricultural College and maintained under isolation on an island in Lake Michigan. It has made splendid yield records in all the Eastern States. It has good straw and a large head. The kernel is very large. Rosen yielded 48.5 bu. per acre in our test plots last season and 51.4 bu. this season.

**Cornell No. 76 Rye** is a pure line strain developed by the New York State College of Agriculture and only recently put out. In our tests last year it yielded 52.6 bu. per acre and 48.5 bu. this season. It appears to equal Rosen in every respect.

**Rye for Cover Crops.** Fall sown rye is a cheap and effective cover crop. It prevents loss of fertility thru leaching, washing and blowing; it may provide pasturage; and adds humus to the soil when plowed under. We offer new crop seed, not certified, of good germination free from weeds, re-cleaned, ready to sow.

## COPPER CARBONATE DUST FOR STINKING SMUT

Since no stinking smut appeared in our crops this year we are not treating the seed we sell unless it is specially requested. The charge is 10c per bushel.

We can supply copper carbonate dust for those who wish to treat their own seed. Two and one half to three ounces of dust are required for each bushel of seed. Directions will be supplied.

## DO IT WELL OR NOT AT ALL

Only a good wheat or rye crop next year is likely to pay. Every essential for a good yield should be provided.

Plow early, harrow frequently, lime if it is needed, firm the seed bed well, use a complete fertilizer, sow as early as risk of Hessian fly permits, and, most important, use genuinely good seed. We hope you will choose Pedigreed Seed from Quaker Hill Farm.



A Promising New Hybrid Wheat Produced at Cornell, on trial at Quaker Hill Farm

# Price List and Order Sheet for Pedigreed Seeds

AUGUST 20, 1930

**Prices.** On account of fluctuating markets, it may be necessary to change our seed prices. If prices are lower when we receive your order, the difference will be refunded; if higher, you will be notified and may cancel or reduce your order or pay the difference. Prices include sacks and loading on your truck or on cars here. Freight rates to most points in New York and adjacent states are approximately 17c per bushel.

Terms are cash with order or at your bank or express office on arrival of seed, but with draft or C. O. D. fees added. We do not extend credit.

**Guarantees.** We guarantee safe arrival and satisfactory condition of seed. Any shortage or damage should be noted on freight receipt by agent before you accept it and reported to us at once. If for any other reason the seed is not satisfactory notify us as soon as possible after its arrival. We will replace if possible, or refund if you prefer. We aim to give complete satisfaction.

**References.** State College of Agriculture, Ithaca, N. Y.; Monroe County Farm Bureau, Rochester, N. Y.; State Bank of Honeoye Falls, Honeoye Falls, N. Y. The Rural New Yorker, The American Agriculturist and The Pennsylvania Farmer guarantee our advertising.

## Planting Time is Near—Better Order Today

K. C. LIVERMORE — HONEOYE FALLS, N. Y.

Dear Friend:— I wish to order the following:—

(We sack 2 bu. per bag. If it makes no difference, please order an even number of bushels)

.....bu. certified Forward Wheat @ \$1.50 for 10 bu. or more, \$1.60 for less than 10 bu.....	\$.....
.....bu. certified Honor Wheat @ \$1.50 for 10 bu. or more, \$1.60 for less than 10 bu.....	\$.....
.....bu. Wheat treated with Copper Carbonate @ \$.10 per bu. ....	\$.....
.....lbs. Copper Carbonate Dust, @ \$.30 for 10 lb. or more, \$.35 for less than 10 lb.....	\$.....
.....bu. certified Rosen Rye @ \$1.50 for 10 bu. or more, \$1.60 for less than 10 bu.....	\$.....
.....bu. certified Cornell 76 Rye @ \$1.50 for 10 bu. or more, \$1.60 for less than 10 bu.....	\$.....
.....bu. Common Rye @ \$1.30 for 10 bu. or more, \$1.40 for less than 10 bu. ....	\$.....
Total.....\$.....	

I enclose payment for this total or I agree to pay it, plus collection charges at my bank when seed arrives. My bank is the

..... of .....  
Name of Bank Address of Bank

Ship to—

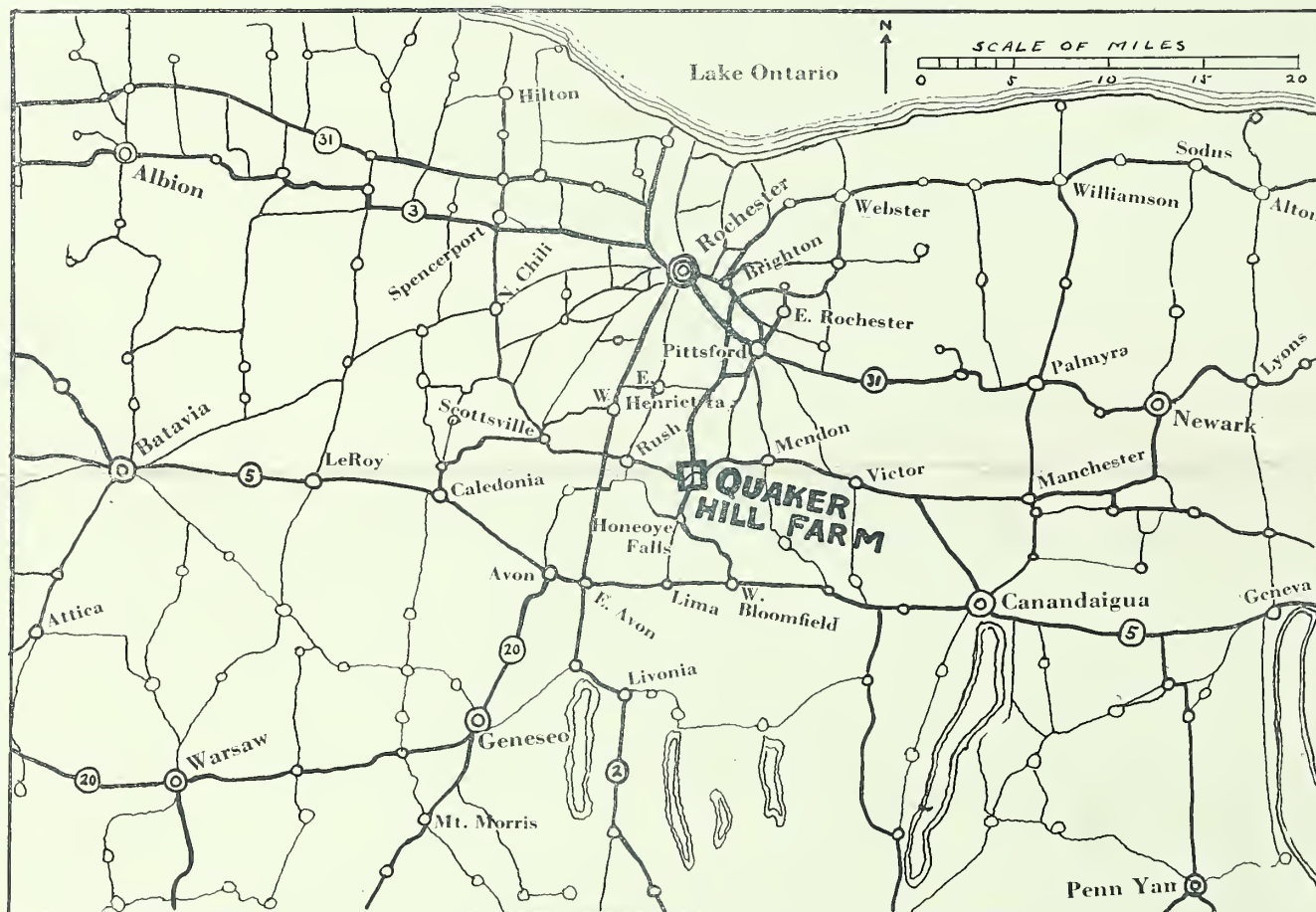
Person ..... P. O. .... State.....

Station ..... State ..... Railroad.....

Ship by freight unless otherwise requested here .....

Name and address of person ordering if different from above .....

NOTE. If your station is a prepay station, please mark it so and add amount of freight or express to payment, or give name of nearest station with agent to which we may ship.



ALL WESTERN NEW YORK FROM BUFFALO TO SYRACUSE IS WITHIN EASY TRUCKING DISTANCE OF QUAKER HILL FARM. NOTIFY US WHEN COMING AND THE SEED WILL BE READY.